

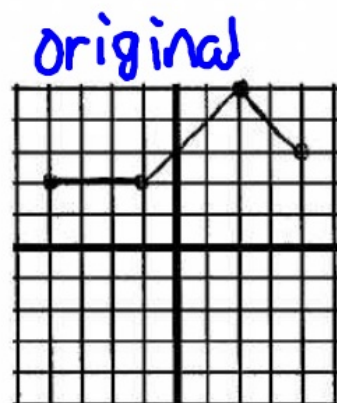
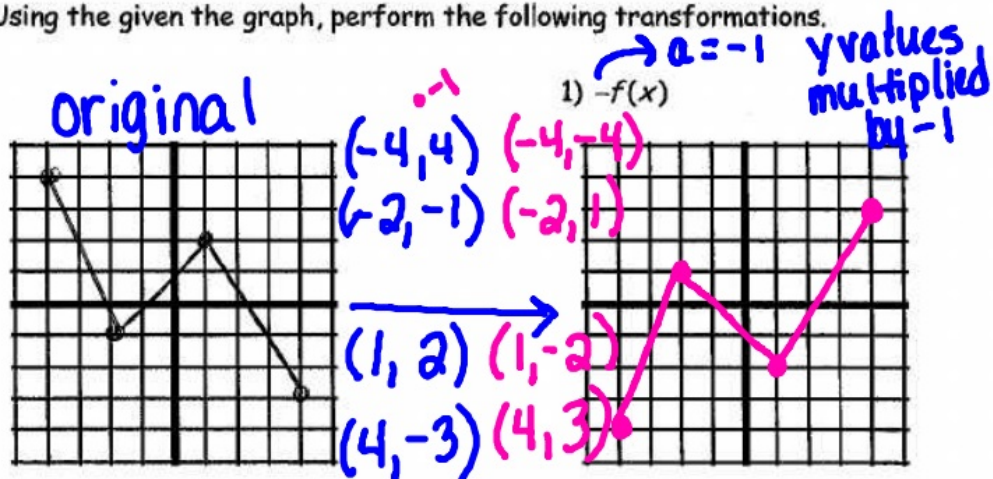


Notes:

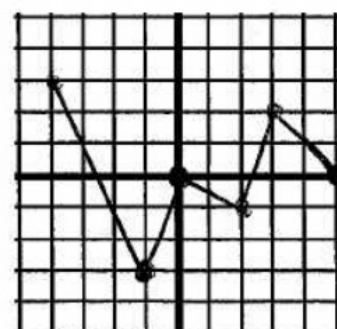
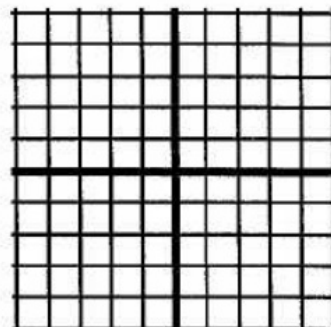
Algebra 2  
Transformations (a only)

Name: \_\_\_\_\_

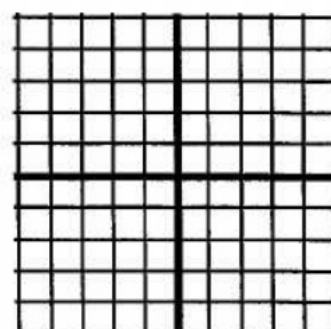
Using the given the graph, perform the following transformations.



2)  $-f(x)$



3)  $-f(x)$



# Transformations:

$$y = a f(x-h) + k$$

affect y value  
 $a$  is  $\ominus$  reflects  
 $a > 1$  stretch  
 $0 < a < 1$  compress

$x-h \rightarrow h$  is  $\oplus$   
right  
increase x value

$x+h \rightarrow h$  is  $\ominus$   
left  
decrease x value

$+k \rightarrow$  up  
increase y value

$-k \rightarrow$  down  
decrease y value

# Notes

Algebra 2  
Transformations (a only)

Name: \_\_\_\_\_

Using the given the graph, perform the following transformations.

